TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET11604A

HOLDER OF CERTIFICATE:

ALOREM SAS

1424 kg max

MANUFACTURER: ALOREM SAS, 350 Route de Thil, 01700 Beynost, France

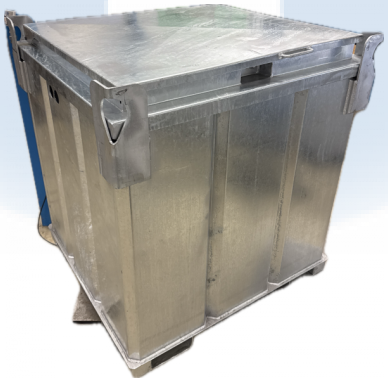
MARKING ON PACKAGING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking, and shall be marked with maximum permitted stacking load according to ADR 6.5.2.2.2.1 (as shown in figure to right).

(un) 31A/Y/MMYY/N/NET11604A - ID/2564/1424

(un)	: The United Nations symbol
31A	: Steel IBCs for liquids
Y	: Packaging group II and III
MMYY	: To be replaced with the month and year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET11604A - ID	: Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
2564	: The stacking test load in kg
1424	: The maximum permissible gross mass in kg

PRODUCT:

Description/ Method of manufacture	Material
Compact welded Eco Transport Tank for fuel	EN 10025-2 Galvanized S235JR



DIMENSIONS:

Capacity, l	External dimensions: L*W*H, mm	Head / Body / Bottom, mm	Drawing
973	1220*1120*1290	3.0/ 3.0/ 3.0	CUVE DE TRANSPORT ECO - 1000 L

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GPS: 59°03'25'' N 9°40'70'' E

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	876	895	915	934	954

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque, Nm
Main cap	Mintor	Buochon G3-F	S235	G p Rubber	55
Bung	Goshe	-	Steel	-	-
Top gasket	Gumo plast	-	Rubber	G p Rubber	-
Plug 3"	BIS	-	Galvanized steel	-	-
Plug 2"	BIS	-	Galvanized steel	-	-
Plug 1 1/4"	BIS	-	Galvanized steel	-	-
Plug 1"	Gebo	-	Galvanized steel	-	-
Valve 3/4"	-	-	Brass	-	-
Anti syphon valve 1"	-	-	Brass	-	-
Push Pull connector M 3/8"	-	-	Steel	-	-
Push Pull connector F 3/8"	-	-	Steel	-	-
Push Pull connector M 1/2"	-	-	Steel	-	-
Push Pull connector F1/2"	-	-	Steel	-	-
Push Pull connector M 3/4"	-	-	Steel	-	-
Push Pull connector F3/4"	-	-	Steel	-	-
Manhole cover	ALOREM	RFEC10-030	Galvanized steel	G p Rubber	70

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ACCESSORIES:

Type	Description/ Drawing	Producer
Electric pump	Panther 56	Piusi
Electric pump	Panther 72	Piusi
Electric pump	Panther 90	Piusi
Electric pump	Carry 3000 12V	Piusi
Electric pump	Carry 3000 24V	Piusi
Electric pump	Panther 12/ 24V	Piusi
Electric pump	E80M	Piusi
Electric pump	Bipumpe 12V	Piusi
Electric pump	Bipumpe 24V	Piusi
Electric pump	SuzzaraBlue 12V	Piusi
Electric pump	SuzzaraBlue 24V	Piusi
Electric pump	SuzzaraBlue 230V	Piusi
Manual pump	JAP0	Japy
Manual pump	JAP1	Japy
Manual pump	JAP2	Japy
Manual pump	Manual pump	Piusi
Level indicator	Magnetic liquid-level gauge	Rochester Gauges
Level indicator	OCIO	Piusi
Level indicator	Lorawan	Tekelek
Automatic nozzle	A60	Piusi
Automatic nozzle	A120	Piusi
Automatic nozzle	A280	Piusi
Automatic nozzle	SuzzaraBlue nozzle	Piusi
Manual nozzle	SuzzaraBlue nozzle	Piusi
Manual nozzle	S3000	Piusi
Filter	WCF70	Piusi
Flow meter	K24	Piusi
Flow meter	K33	Piusi
Breather cap	Breather plug with double valve tilt-function	Mintor S.r.l.
Hose real	DN19 - DN25	OMPI
Hose	VACU	Flex
Hose	1SN	Flex
Bund alarm	DF02	Afriso
Bund alarm	DFAF220	Afriso

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LEGISLATION:
The approval is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet (www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 2023/4375 PRAX.
NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

REGULATIONS BASED UPON FOR APPROVAL:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
IMDG, International Maritime Dangerous Goods Code, for sea transport.
ADN, European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
The UN certification mark intended for the classification of packaging and the marking of dangerous goods is an international system for ensuring safe transport by road, rail, sea and air.
All types of transport with UN-approved packages must comply with the actual regulations regarding handling according to ADR, RID, IMDG, ADN or DGR.
Package testing must be performed before a UN certification mark can be issued. This document proves that the packaging has met or exceed the minimum performance requirement according to the ADR regulations and allows transport of the packaging, as long as the packaging instructions for the correct mode of transport are followed.

TESTS CARRIED OUT:
Prototype tests performed and approved according to the above regulations:
6.5.6.4 Bottom lift test
6.5.6.5 Top lift test: WLL 356 kg, all 4 padeyes shall be used when lifting the IBC
6.5.6.6 Stacking test
6.5.6.7 Leakprooness test
6.5.6.8 Internal pressure test
6.5.6.9 Drop test
6.5.6.13 Vibration test
NTI012 - «DIBT test» - drop test followed by a pressure test, designed at the customer's request

APPROVAL IS VALID FOR:
Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content	Max. relative density	Tare weight, kg	Pressure test, kPa
Liquids	1.0	451	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET11604A	29.01.2025	NET	Type approval
NTI012 v1	30.01.2025	NET	Additional type test

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VALIDITY:
The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.
The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in NS-EN ISO 16106:2020.

TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **12.03.2025** CERTIFICATE IS VALID UNTIL: **31.03.2030**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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